

temperature in a high temperature regenerator GH even in the circumstance of a high cooling water temperature.

Please replace the paragraph at page 37, lines 5-<sup>11</sup>~~14~~, with the following rewritten paragraph:

A part of the dilute solution exited out of the absorber A is branched at the point of the black dot to enter the intermediate temperature regenerator GM, (Horizontal ~~solid~~ broken line), and is mixed with the solution that has been concentrated in the high temperature regenerator GH. The white dot at the right end of the broken line indicates the concentration of the mixture.

Please replace the paragraph at page 37, line 22, with the following rewritten paragraph:

(3) S cycle (lower middle): broken line in ~~GL~~ GX section

Please replace the paragraph at page 38, lines 2-8, with the following rewritten paragraph:

A part of the solution exited out of the absorber A is branched at the point of the black dot to enter the auxiliary regenerator GX (Horizontal ~~solid~~ broken line), where it is mixed with the solution that has been concentrated in the intermediate temperature regenerator GM. The white dot at the right end of the broken line indicates the concentration of the mixture.

Please replace the paragraph at page 38, line 15, with the following rewritten paragraph:

(4) S cycle (bottom): broken line in GM, ~~GL~~ GX section